

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kellar Autumn

Art Unit : 2812

Serial No. : 10/039,574

Examiner : Unknown

Filed : January 2, 2002

Title : ADHESIVE MICROSTRUCTURE AND METHOD OF FORMING SAME

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INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

2/29/03

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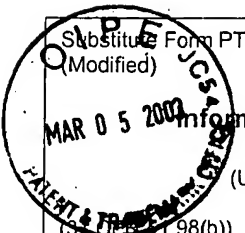
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Signature

JUDITH COTHAM

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 Substitute Form PTO-1449 (Modified) <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14134-002001.	Application No. 10/039,574
	Applicant Kellar Autumn		<b>RECEIVED</b> <b>MAR 17 2003</b> <b>GROUP 1700</b>
	Filing Date January 2, 2002	Group Art Unit 2812	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication / Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,959,200	09/28/99	Chui et al.	73	105	08/27/97
	AB	5,843,657	12/1/98	Liotta et al.	435	6	10/10/95
	AC	4,545,831	10/8/85	Ornstein	156	57	09/13/82
	AD						
	AE						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AF							
	AG							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AH	Irschick et al., "A comparative analysis of clinging ability among pad-bearing lizards" Biological Journal of the Linnean Society (1996)
	AI	Russell, "Contributing to the functional analysis of the foot of the Tokay Gekko gekko" Zoo. Lond. (1975)
	AJ	Edwards et al., "The adhesive pads of Heteroptera: a reexamination" Proc. R. ent. Socl. Lond. (1970)
	AK	Beni Charan Mehendra, "Contributions to the Bionomics, Anatomy, Reproduction and Development of the Indian House-Gecko, Hemidactylus Flaviviridis Rupel, pp. 288-306, December 19, 1940.
	AL	Rodolfo Ruibal et al., "The Structure of the Digital Setae of Lizards" Department of Life Sciences, University of California, Riverside, CA, Journal of Morphology, 117: 271-294, Nov. 1965.
	AM	P.F.A. Maderson, "Keratinized Epidermal Derivatives as an Aid to Climbing in Gekkonid Lizards" Vol. 203, pp. 780-781, August 15, 1964.
	AN	Sunder Lal Hora, "The Adhesive Apparatus on the Toe of Certain Geckos and Tree-frogs" Journal of the Proceedings of the Asiatic Society 9:137 (1923)
	AO	Matt Cartmill "Climbing" Functional Vertebrate Morphology, Chapter 5; 1985.
	AP	E. E. Williams, "Convergent and Alternative Designs in the Digital Adhesive Pads of Scincid Lizards" Sciences, Vol. 215, pp. 1509-1511, March 19, 1982
	AQ	T. Thurn-Albrecht, J. Schotter, G.A. Kastle, N. Emley, T. Shibauchi, L. Krusin-Elbaum, K. Guarini, C.T. Black, M.T. Tuominen and T.P. Russell, "Ultrahigh-Density Nanowire Arrays Grown in Self-Assembled Diblock Copolymer Templates" Science 2000 December 15; 290:2126-2129.
	AR	K. Autumn, et al. "Adhesive Force of a single gecko foot-hair" Nature, Vol. 405, pp. 681-685, 2000.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) <b>MAR 05 2003</b> INFORMATION DISCLOSURE STATEMENT by Applicant (Use several sheets if necessary) (37 C.F.R. 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14134-002001	Application No. 10/039,571 <b>RECEIVED</b> <b>MAR 17 2003</b> <b>GROUP 1700</b>
		Applicant Kellar Autumn	
		Filing Date January 2, 2002	Group Art Unit 2812

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AS	Y.A. Ling et al. "Adhesion Force Measurements on Single Gecko Setae" Technical Digest of the 2000 Solid-State Sensor and Actuator Workshop, Hilton Head Island, SC (2000)
	AT	Stork, N.E. "Experimental analysis of adhesion of chrysolina polita (Chrysomelidae: Coleoptera) on a variety of surfaces" Journal of Experimental Biology 88:91-107 (1980)
	AU	Ruibal, R. and V. Ernst "The structure of the digital setae of lizards" Journal of Morphology 117:271-294 (1965)
	AV	Peterson, J.A. and E.E. Williams "A case study in retrograde evolution: the onca lineage in anoline lizards. II. Subdigital fine structure" Bulletin of the Museum of Comparative Zoology 149: 215-268 (1981)
	AW	Edwards, J.S. "Observations on the development and predatory habit of two reduviid heteroptera, phinocoris carmelita stal and platymeris rhadamanthus gerst" Proc. R. Ent. Soc. Lond.: 89-98 (1962)

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